



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr. Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., June 6, 2011

10-11

AGRICULTURAL NEWS: Farmers welcomed a week of dry conditions to catch up their crop planting and hay harvesting. Above normal temperatures prevailed again this past week with temperatures averaging 78 degrees, 8 degrees above normal and also 8 degrees above the previous week. High temperatures stressed livestock and dried out soils. Rainfall was light this week, averaging just 0.10 inch, just 9 percent of normal and 1 inch below normal. Many areas received no rain this week. **Topsoil moisture** was rated 11 percent short, 77 percent adequate and 12 percent surplus. **Subsoil moisture** was rated 4 percent short, 75 percent adequate, and 21 percent surplus. Days suitable for fieldwork averaged 6.2 out of a possible 7. Major farming activities this week were planting corn and soybeans, setting tobacco, cutting hay and applying fertilizer.

ROW CROPS: **Corn** planting made excellent progress and was 90 percent complete at the end of the week. Usually more than 95 percent of the crop has been planted at this time. Seventy-five percent of corn planted had emerged, compared with 97 percent a year ago and 92 percent for the five year average. The average corn height was 11 inches, with the most advanced height at 21 inches. Emerged corn condition was rated 1 percent very poor, 3 percent poor, 34 percent fair, 46 percent good, and 16 percent excellent. **Soybean** planting progress was 40 percent complete, well behind last year's 75 percent and the five year average of 64. Soybeans emerged was reported at 19 percent, trailing last year's 60 percent and the five year average of 46 percent.

TOBACCO: As of Sunday June 5, 57 percent of the state's burley had been set, compared with 71 percent last year and 70 for the five year average. Dark tobacco is 65 percent set, compared with 71 percent last year and 62 for the average. Tobacco set condition was 1 percent very poor, 2 percent poor, 30 percent fair, 58 percent good, and 9 percent

excellent. Several areas reported transplants had some disease and quality issues due to the extended time in float beds.

SMALL GRAINS: The condition of winter **wheat** was reported as 2 percent very poor, 4 percent poor, 27 percent fair, 54 percent good, and 13 percent excellent. Some of the more advanced wheat has begun to turn color with harvest expected to get underway within the next week.

OTHER CROPS AND PASTURE: Cutting and baling hay were major activities this week. Average hay yields remain lower than expected. **Pasture** condition was 1 percent very poor, 7 percent poor, 25 percent fair, 49 percent good, and 18 percent excellent.

CROP PROGRESS for week ending 06/05/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	90	75	100	98
Corn Emerged	75	56	97	92
Soybeans Planted	40	19	75	64
Soybeans Emerged	19	9	60	46
Burley Tobacco Set	57	28	71	70
Dark Tobacco Set	65	44	71	62

SOIL MOISTURE for week ending 06/05/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	11	77	12
Subsoil	0	4	75	21

CROP CONDITIONS for week ending 06/05/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	3	34	46	16
Wheat	2	4	27	54	13
Pasture	1	7	25	49	18
Tobacco Set	1	2	30	58	9

KENTUCKY WEATHER SUMMARY, MAY 30 – JUNE 5, 2011:

Above Normal Temperature and Below Normal Rainfall:

This past week was the hottest the Commonwealth has experienced thus far this year. Everyday was mostly clear with highs ranging from the mid 80s to mid 90s. These high temperatures put livestock heat stress in the danger category during the peak warm hours of the day nearly all week. Rainfall for the week was isolated, with most locations having received no rainfall.

Temperatures for the period averaged 78 degrees across the state which was 8 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 91 in the West to 88 in the East. Departure from normal high temperatures ranged from 8 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 69 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 9 degrees warmer than normal in the East. The extreme high temperature for the period was 99 degrees at Owensboro and the extreme low was 53 degrees at Vanceburg.

Rainfall for the period totaled 0.10 inches statewide which was 1 inch below normal and 9% of normal. Rainfall totals by climate division, West 0.18 inches, Central 0.18 inches, Bluegrass 0.02 inches and East 0.02 inches, which was 0.89, 0.94, 1.06 and 1.09 inches below normal. By station, rainfall totals ranged from a low of 0.00 inches at Albany to a high of 1.28 inches at Bowling Green.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 5, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature				Growing Degree Days			
	=====			=====		=====				=====			
	Since Last	April 1	Last Four Wks.	Norm Since Apr 1	Norm Last 4 Wks.	Dev. Wkly. From Avg. Norm			Since Last Week	Dev. Apr 1	Since Apr 1		
	Week	1		Apr 1	4 Wks.	Hi	Lo			Week	1	Apr 1	
=====													
		(Inches)				(Degrees F)							
Bardstown	0.00	23.84	3.82	+14.88	-0.11	91	48	76.5	+6	176	965	+90	
Berea	0.01	15.13	3.17	+5.40	-1.06	91	55	74.1	+4	159	914	+8	
Bowling Gree	1.28	17.89	3.93	+7.94	-0.43	95	65	80.8	+10	188	1088	+177	
Bristol	0.03	10.62	5.13	+2.83	+1.65	93	56	76.8	+7	170	995	+186	
Buckhorn Lak	0.00	15.17	4.75	+6.62	+1.01	89	56	73.9	+4	163	886	+87	
Cape Girarde	0.00	28.04	2.10	+17.84	-2.33	97	65	81.1	+8	194	1005	+58	
Campbellsvil	0.00	19.30	3.09	+8.68	-1.45	90	58	75.7	+5	171	932	+31	
Covington	0.15	20.57	3.80	+11.90	-0.02	93	61	76.9	+7	177	857	+83	
Cumberland G	0.00	14.45	4.56	+4.85	+0.28	90	57	75.9	+6	171	985	+181	
Dix Dam	0.00	18.61	3.14	+9.04	-0.99	91	59	76.3	+6	174	918	+43	
Evansville	0.52	20.19	3.36	+10.84	-0.75	98	62	79.8	+7	190	993	+112	
Glasgow	0.03	16.57	3.27	+6.19	-1.25	90	64	77.9	+7	185	1010	+164	
Grayson	0.00	18.09	3.99	+9.56	+0.19	91	55	73.3	+3	155	875	+137	
Hardinsburg	0.00	24.18	3.55	+14.37	-0.69	92	65	78.5	+8	175	953	+42	
Henderson	0.36	20.29	2.33	+10.85	-1.68	97	66	79.7	+7	189	1005	+94	
Huntington	0.88	19.03	7.57	+10.55	+3.79	92	56	74.4	+5	162	964	+160	
Jackson	0.00	16.89	4.20	+7.67	+0.24	90	63	76.6	+7	179	968	+169	
Lexington	0.00	19.15	3.32	+10.19	-0.61	91	58	76.4	+7	176	889	+110	
London	0.00	15.80	3.79	+7.02	+0.03	90	58	76.0	+6	171	954	+150	
Louisville	0.00	21.78	4.30	+12.35	+0.30	95	67	81.4	+11	201	1084	+203	
Mayfield	0.00	20.51	1.80	+9.89	-2.48	97	65	80.4	+8	186	1063	+91	
Nashville	0.03	11.92	1.80	+2.07	-2.42	97	67	81.9	+11	193	1049	+72	
Nolin Lake	0.01	24.45	4.34	+13.79	-0.38	90	62	76.5	+6	177	955	+90	
Paducah	0.00	24.84	2.66	+14.22	-1.68	98	67	80.9	+8	193	1060	+113	
Princeton	0.00	23.37	2.13	+12.97	-2.19	94	66	79.4	+7	188	1030	+89	
Quicksand	0.00	18.14	4.33	+8.92	+0.37	91	57	75.0	+5	163	957	+158	
Somerset	0.00	16.30	4.46	+6.17	-0.01	90	58	75.3	+5	168	910	+40	
Spindletop	0.00	19.08	3.95	+10.12	+0.02	92	59	76.3	+6	172	874	+95	
Williamstown	0.07	19.95	3.36	+10.76	-0.54	90	57	74.6	+5	167	850	+71	

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center(859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>